1: DeLand O-4 (No date)1908 NQ17 Mandan NQ17

000 mountains and to the Pacific coast on their memorable trip of exploration, and having recrossed the Continental Divide on the return trip in 1806, we find the first journal entry which in any way refers to the Mandans, under date of August 8th of that year, recorded in Vol. 3 of London Ed. of their journal, page 348, as follows:

•501 **Skin Canoes.** "Friday, 8th. * * They passed over a broken open country, and having reached the Yellowstone, near Pompey's Pillar, they determined to descend the river and for this purpose made two skin canoes,[8] such as they had seen among the Mandans and Ricaras. They are made in the following manner: Two sticks of an inch and a quarter in diameter are tied together so as to form a round hoop, which serves for the brim, while a second hoop, for the bottom of the boat, is made in the same way, and both secured by sticks of the same size from the sides of the hoops, fastened by thongs to the edges of the hoops, and at the interstice of the sticks. Over this frame the skin is drawn closely and tied with thongs, so as to form a perfect basin, seven feet and three inches in diameter, sixteen inches deep, and with sixteen ribs or cross-sticks, and capable of carrying six or eight men with their loads." (Vol. 3, p. 348)

721 **Mandans at War With Aricaras and Assiniboines.** "Monday, 11th. The next morning Captain Clarke set out early, and landed on a sandbar about ten o'clock, for the purpose of taking breakfast and drying the meat. At noon they proceeded on about two miles, when they observed a canoe near the shore. They immediately landed, and were equally surprised and pleased at discovering two men by the names of Dickson and Hancock, who had come from the Illinois on a hunting excursion up the Yellowstone. They had left the Illinois in the summer of 1804 and had spent the last winter with the Tetons, in company with a Mr. Ceautoin, who had come there as a trader, but whom they had robbed, or rather they had taken all his merchandise and given him a few robes in exchange. These men had met the boat which we had dispatched from Fort Mandan, on board of which they were told there was a Ricara chief on his way to Washington, and also another party of Yankton chiefs, accompanied by Mr. Durion on a visit of the same kind. We were sorry to learn that the Mandans and the Minnetarees were at war with the Ricaras, and had killed two of them.

3:Will and Spinden E-5 (1905) 1906
NQ17 Mandan NQ17

mer unbarbed and securely fastened to the shaft, the latter barbed and loosely attached. 411

The lances were two-edged points fastened to a shaft of ash wood, some six or eight feet long, ornamented with tufts of eagle plumes. The knives were at first of stone, but were soon replaced by the European steel ones. The tomahawks were of several sorts and are all duplicated among those of the other Sioux tribes. The shield was an important part of a man's equipment, it was of buffalo hide whitened with white clay and with a large painting of the owner's medicine on the front. The bow-lance was a purely ceremonial weapon and was passed down from father to son to be used in the dances. Maximilian describes it as a long bow with a spear point on one end, the whole decorated elaborately with eagle plumes and other ornaments. [428]

MANUFACTURES: — The beds of the Mandans were built up from four posts sunk in the earth to form a rectangle of suitable size, with poles lashed across from one to the other, about one foot above the ground. Over the cross poles a green buffalo hide was stretched and allowed to dry, thus forming a springy foundation; around the sides and across the top hides were also stretched, giving the whole bed the appearance of a large box. A small opening was left in one of the sides through which to enter, and the whole interior was piled with buffalo robes. These beds held several persons. 352

The Mandan boats, bull-boats they were called, also merit a description. They were circular, made over a frame of bent willows, which consisted of two hoops held in position by cross pieces; over the whole a raw buffalo hide was stretched, hair in, and sewed to the upper rim. They were about six feet in diameter and could carry very heavy loads. For a paddle a pole some five feet long was used. It was split up the end where a flat board about two and a half feet long was inserted and bound on. The boat was paddled from a standing position, and made half a revolution at every stroke. This same sort of boat was used by the Arikara and Hidatsa. 501 171

For the rest their material culture did not differ greatly from that of the surrounding nomadic tribes, only a brief enumeration therefore of the manufactures and utensils is necessary.

6: Wied-Neuwied T-5 (1832-1834) 1843 NQ17 Mandan NQ17

262 which is so favourite a dish among the northern Indians, is not much in use among the Mandans. Their only drink is water, for they are unacquainted with the method of preparing fermented [273] liquors. They did not obtain any spirits, either from the American Fur Company, or the agents of Messrs. Soublette and Campbell; hence an intoxicated person is scarcely ever seen. They are extremely fond of sugar, and likewise of salt, which they procure from their lakes, and, if the supply is insufficient, purchase from the Whites. They are likewise fond of coffee and tea, well sweetened. It has been affirmed, that several North American nations, especially those which speak the Algonquin language, are cannibals, and more particularly the Chippeways and the Potawatomis; but I found no trace of this unnatural custom among the Missouri nations.

592 595 596 Two, and sometimes three, families usually live together in an Indian hut, commonly the father, with his married sons or sons-in-law. Polygamy is everywhere practised, and the number of wives differs; however, they have very seldom more than four, and, in general, only one. The women are very skilful in various kinds of work, particularly in dyeing and painting the buffalo 386 824 439 robes. They extract a red colour from the roots of the savoyenne, or from buffalo berries; yellow from a lichen of the Rocky Mountains; black from belianthus, as well as from a black stone or clay; blue and green they extract from European substances. Among the Mandans, Manitaries, and Arikkaras, the women, as Lewis and Clarke relate, manufacture beads from coloured glass. They powder those which they have obtained from the traders, and mould them into different shapes. This custom is, however, no longer common. The dyeing of the skins, of 323 which many travellers have spoken, employs a great portion of the women's time. These three nations understand the manufacture of earthen pots and vessels, of various forms and sizes. The clay is of a dark slate colour, and burns a yellowish-red, very similar to what is seen in the burnt tops of the Missouri hills. This clay is mixed with flint or granite, reduced to powder by the action of fire. The workwoman forms the hollow inside of the vessel by means of a round stone which she holds in her hand, while she works and smooths the outside with a piece of poplar bark. When the pot is made, it is filled and surrounded with dry shavings, and then burnt, ● 501 when it is ready for use. They know nothing of glazing. With respect to their boats, the North Americans are far more expert than the Brazilians, Patagonians, and other South Americans, who live on the banks of rivers, and yet have contrived no means to pass them. The Chippeways and other northern nations have handsome vessels of birch bark; the Esquimaux makes his kiack, which is curiously covered with seal skin; and on the Missouri, especially among the Mandans, there are boats of buffalo skin, which are represented in the plates accompanying this work. They are very light, of a circular form, stretched on a frame of several pieces of wood crossing each other, and may be carried on the shoulder of a single individual.

584 If a young Indian desires to marry, and has obtained the consent of the girl, he endeavours to procure that of her father; when he is certain of this, he brings two, three, nay, even eight or

10: Neill H4(no date) 1884 NQ17 Mandan NQ17

609 622 attentive and polite in conveying our baggage on board. We now perceived another American flag flying in the village on the south side of the river, while that of the Black Cat was still displayed over the hut we had occupied. Our conductor now informed us the flag we saw in the opposite village was his property, and had been hoisted by his orders over his own hut, where he begged we would take up our lodgings. The young men, I [481 482] observed were very prompt in getting our horses over. They fastened a line to the horse's mouth, the end of which one of them takes in his teeth, and swims on ahead, while others swim along on each side, and in the rear, draws the horse on very expeditiously. They swim remarkably swift, and notwithstanding [481] the Missouri at this place is half a mile wide, and the current very strong, they drift down but a very considerable distance before they land.

●501 Their canoes are of very singular construction and a stranger would scarcely dare venture his life in them to cross such a deep and rapid stream. They are of a circular form; the timbers are nothing but a few bent willows of about three inches in circumference, over which is stretched a raw buffalo hide, with the hair inside, and sewed first to the gunwales which are generally of a willow, about two inches in diameter. I was really surprised to see the great weight that one of those slender vessels would carry. We embarked, baggage, saddles, etc., weighing at least 200 pounds, Mr. Chaboillez and myself, and our ferryman, who was a remarkably stout fellow. Our canoe or dish would have supported at least 100 pounds more. What they make use of, in lieu of a paddle, is a pole about five feet long, split at one end so as to admit of a piece of board, about two feet long, and half a foot broad, which is lashed to the pole and forms a kind of cross, and as there is but one made use of for each canoe, and he that paddles pulls directly for the opposite shore, every stroke he gives turns his dish almost entirely around; when, to preserve his position and place him fronting his intended, route he must give a stroke upon the other hand which brings him up again, and so on until he gets over the river, which, however, is not accomplished until they have drifted down nearly a mile.

501 462 Some of them, I observed, were more expert than others in managing their dishes, and did not drift more than a quarter of a mile. But as these vessels are very light they have the precaution to carry them upon their heads, or slung upon their backs to a considerable distance higher up the river, than where they wish to land. When we were on the water our conductor repeatedly made signs to us to salute the flag, by firing our guns, but we did not think proper to comply with his wishes or pretended we did not comprehend him.

622 574 609 We soon after landed at the village, which is situated upon the very edge of the bank. Here we were received by another